

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/927,939DATE: 02/26/1999
TIME: 11:20:44

Input Set: H927939.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Grainger, David J.
2 Tatalick, Lauen Marie
3 <120> TITLE OF INVENTION: Compounds and methods to inhibit or
4 augment an inflammatory response.
5 <130> FILE REFERENCE: 295.022US1
6 <140> CURRENT APPLICATION NUMBER: US/08/927,939
7 <141> CURRENT FILING DATE: 1997-09-11
8 <160> NUMBER OF SEQ ID NOS: 83
9 <170> SOFTWARE: FastSEQ for Windows Version 3.0
10 <210> SEQ ID NO 1
11 <211> LENGTH: 12
12 <212> TYPE: PRT
13 <213> ORGANISM: Homo sapiens
14 <400> SEQUENCE: 1
15 Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Val Gln
16 1 5 10
17 <210> SEQ ID NO 2
18 <211> LENGTH: 13
19 <212> TYPE: PRT
20 <213> ORGANISM: Homo sapiens
21 <400> SEQUENCE: 2
22 Ala Gln Pro Asp Ala Ile Asn Ala Pro Val Thr Cys Cys
23 1 5 10
24 <210> SEQ ID NO 3
25 <211> LENGTH: 15
26 <212> TYPE: PRT
27 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 3
29 Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val
30 1 5 10 15
31 <210> SEQ ID NO 4
32 <211> LENGTH: 15
33 <212> TYPE: PRT
34 <213> ORGANISM: Homo sapiens
35 <400> SEQUENCE: 4
36 His Leu Lys Ile Leu Asn Thr Pro Asn Cys Ala Leu Gln Ile Val
37 1 5 10 15
38 <210> SEQ ID NO 5
39 <211> LENGTH: 14
40 <212> TYPE: PRT
41 <213> ORGANISM: Homo sapiens
42 <400> SEQUENCE: 5
43 Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val
44 1 5 10

ENTERED

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/927,939

DATE: 02/26/1999

TIME: 11:20:44

Input Set: H927939.RAW

45 <210> SEQ ID NO 6
46 <211> LENGTH: 15
47 <212> TYPE: PRT
48 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 6
50 Glu Leu Arg Val Ile Glu Ser Gly Pro His Cys Ala Asn Thr Glu
51 1 5 10 15
52 <210> SEQ ID NO 7
53 <211> LENGTH: 10
54 <212> TYPE: PRT
55 <213> ORGANISM: Homo sapiens
56 <400> SEQUENCE: 7
57 Cys Ala Asp Pro Lys Gln Lys Trp Val Gln
58 1 5 10
59 <210> SEQ ID NO 8
60 <211> LENGTH: 6
61 <212> TYPE: PRT
62 <213> ORGANISM: Homo sapiens
63 <400> SEQUENCE: 8
64 Glu Ile Cys Ala Asp Pro
65 1 5
66 <210> SEQ ID NO 9
67 <211> LENGTH: 6
68 <212> TYPE: PRT
69 <213> ORGANISM: Homo sapiens
70 <400> SEQUENCE: 9
71 Lys Gln Lys Trp Val Gln
72 1 5
73 <210> SEQ ID NO 10
74 <211> LENGTH: 12
75 <212> TYPE: PRT
76 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 10
78 Glu Ile Cys Leu Asp Pro Lys Gln Lys Trp Val Gln
79 1 5 10
80 <210> SEQ ID NO 11
81 <211> LENGTH: 12
82 <212> TYPE: PRT
83 <213> ORGANISM: Homo sapiens
84 <400> SEQUENCE: 11
85 Glu Ile Cys Ala Asp Pro Ser Gln Lys Trp Val Gln
86 1 5 10
87 <210> SEQ ID NO 12
88 <211> LENGTH: 12
89 <212> TYPE: PRT
90 <213> ORGANISM: Homo sapiens
91 <400> SEQUENCE: 12
92 Glu Ile Cys Ala Asp Pro Ser Glu Glu Trp Val Gln
93 1 5 10
94 <210> SEQ ID NO 13

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/927,939

DATE: 02/26/1999

TIME: 11:20:44

Input Set: H927939.RAW

```

95  <211> LENGTH: 12
96  <212> TYPE: PRT
97  <213> ORGANISM: Homo sapiens
98  <400> SEQUENCE: 13
99      Glu Ile Cys Ala Asp Pro Lys Gln Lys Trp Ile Gln
100      1             5             10
101  <210> SEQ ID NO 14
102  <211> LENGTH: 12
103  <212> TYPE: PRT
104  <213> ORGANISM: Homo sapiens
105  <400> SEQUENCE: 14
106      Glu Ile Cys Leu Asp Pro Lys Gln Lys Trp Ile Gln
107      1             5             10
108  <210> SEQ ID NO 15
109  <211> LENGTH: 12
110  <212> TYPE: PRT
111  <213> ORGANISM: Homo sapiens
112  <400> SEQUENCE: 15
113      Cys Pro Ser Leu Glu Asp Ser Phe Ile Gln Val Ala
114      1             5             10
115  <210> SEQ ID NO 16
116  <211> LENGTH: 99
117  <212> TYPE: PRT
118  <213> ORGANISM: Homo sapiens
119  <400> SEQUENCE: 16
120      Met Lys Val Ser Ala Ala Leu Leu Cys Leu Leu Leu Ile Ala Ala Thr
121      1             5             10             15
122      Phe Ile Pro Gln Gly Leu Ala Gln Pro Asp Ala Ile Asn Ala Pro Val
123      20             25             30
124      Thr Cys Cys Tyr Asn Phe Thr Asn Arg Lys Ile Ser Val Gln Arg Leu
125      35             40             45
126      Ala Ser Tyr Arg Arg Ile Thr Ser Ser Lys Cys Pro Lys Glu Ala Val
127      50             55             60
128      Ile Phe Lys Thr Ile Val Ala Lys Glu Ile Cys Ala Asp Pro Lys Gln
129      65             70             75             80
130      Lys Trp Val Gln Asp Ser Met Asp His Leu Asp Lys Gln Thr Gln Thr
131      85             90             95
132      Pro Lys Thr
133  <210> SEQ ID NO 17
134  <211> LENGTH: 77
135  <212> TYPE: PRT
136  <213> ORGANISM: Homo sapiens
137  <400> SEQUENCE: 17
138      Ala Gln Pro Asp Ser Val Ser Ile Pro Ile Thr Cys Cys Phe Asn Val
139      1             5             10             15
140      Ile Asn Arg Lys Ile Pro Ile Gln Arg Leu Glu Ser Tyr Thr Arg Ile
141      20             25             30
142      Thr Asn Ile Gln Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Lys Arg
143      35             40             45
144      Gly Lys Glu Val Cys Ala Asp Pro Lys Glu Arg Trp Val Arg Asp Ser

```

PAGE: 4

RAW SEQUENCE LISTING PATENT APPLICATION US/08/927,939

DATE: 02/26/1999
TIME: 11:20:44

Input Set: H927939.RAW

```

145           50           55           60
146      Met Lys His Leu Asp Gln Ile Phe Gln Asn Leu Lys Pro
147           65           70           75
148 <210> SEQ ID NO 18
149 <211> LENGTH: 99
150 <212> TYPE: PRT
151 <213> ORGANISM: Homo sapiens
152 <400> SEQUENCE: 18
153      Met Lys Ala Ser Ala Ala Leu Leu Cys Leu Leu Leu Thr Ala Ala Ala
154           1           5           10           15
155      Phe Ser Pro Gln Gly Leu Ala Gln Pro Val Gly Ile Asn Thr Ser Thr
156           20           25           30
157      Thr Cys Cys Tyr Arg Phe Ile Asn Lys Lys Ile Pro Lys Gln Arg Leu
158           35           40           45
159      Glu Ser Tyr Arg Arg Thr Thr Ser Ser His Cys Pro Arg Glu Ala Val
160           50           55           60
161      Ile Phe Lys Thr Lys Leu Asp Lys Glu Ile Cys Ala Asp Pro Thr Gln
162           65           70           75           80
163      Lys Trp Val Gln Asp Phe Met Lys His Leu Asp Lys Lys Thr Gln Thr
164           85           90           95
165      Pro Lys Leu
166 <210> SEQ ID NO 19
167 <211> LENGTH: 92
168 <212> TYPE: PRT
169 <213> ORGANISM: Homo sapiens
170 <400> SEQUENCE: 19
171      Met Gln Val Ser Thr Ala Ala Leu Ala Val Leu Leu Cys Thr Met Ala
172           1           5           10           15
173      Leu Cys Asn Gln Phe Ser Ala Ser Leu Ala Ala Asp Thr Pro Thr Ala
174           20           25           30
175      Cys Cys Phe Ser Tyr Thr Ser Arg Gln Ile Pro Gln Asn Phe Ile Ala
176           35           40           45
177      Asp Tyr Phe Glu Thr Ser Ser Gln Cys Ser Lys Pro Gly Val Ile Phe
178           50           55           60
179      Leu Thr Lys Arg Ser Arg Gln Val Cys Ala Asp Pro Ser Glu Glu Trp
180           65           70           75           80
181      Val Gln Lys Tyr Val Ser Asp Leu Glu Leu Ser Ala
182           85           90
183 <210> SEQ ID NO 20
184 <211> LENGTH: 92
185 <212> TYPE: PRT
186 <213> ORGANISM: Homo sapiens
187 <400> SEQUENCE: 20
188      Met Lys Leu Cys Val Thr Val Leu Ser Leu Leu Met Leu Val Ala Ala
189           1           5           10           15
190      Phe Cys Ser Pro Ala Leu Ser Ala Pro Met Gly Ser Asp Pro Pro Thr
191           20           25           30
192      Ala Cys Cys Phe Ser Tyr Thr Ala Arg Lys Leu Pro Arg Asn Phe Val
193           35           40           45
194      Val Asp Tyr Tyr Glu Thr Ser Ser Leu Cys Ser Gln Pro Ala Val Val

```

PAGE: 5

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/927,939

DATE: 02/26/1999
TIME: 11:20:44

Input Set: H927939.RAW

```

195          50          55          60
196      Phe Gln Thr Lys Arg Ser Lys Gln Val Cys Ala Asp Pro Ser Glu Ser
197      65          70          75          80
198      Trp Val Gln Glu Tyr Val Tyr Asp Leu Glu Leu Asn
199          85          90
200  <210> SEQ ID NO 21
201  <211> LENGTH: 91
202  <212> TYPE: PRT
203  <213> ORGANISM: Homo sapiens
204  <400> SEQUENCE: 21
205      Met Lys Val Ser Ala Ala Arg Leu Ala Val Ile Leu Ile Ala Thr Ala
206      1          5          10          15
207      Leu Cys Ala Pro Ala Ser Ala Ser Pro Tyr Ser Ser Asp Thr Thr Pro
208          20          25          30
209      Cys Cys Phe Ala Tyr Ile Ala Arg Pro Leu Pro Arg Ala His Ile Lys
210          35          40          45
211      Glu Tyr Phe Tyr Thr Ser Gly Lys Cys Ser Asn Pro Ala Val Val Phe
212          50          55          60
213      Val Thr Arg Lys Asn Arg Gln Val Cys Ala Asn Pro Glu Lys Lys Trp
214      65          70          75          80
215      Val Arg Glu Tyr Ile Asn Ser Leu Glu Met Ser
216          85          90
217  <210> SEQ ID NO 22
218  <211> LENGTH: 89
219  <212> TYPE: PRT
220  <213> ORGANISM: Homo sapiens
221  <400> SEQUENCE: 22
222      Met Asn Ala Lys Val Val Val Val Leu Val Leu Val Leu Thr Ala Leu
223      1          5          10          15
224      Cys Leu Ser Asp Gly Lys Pro Val Ser Leu Ser Tyr Arg Cys Pro Cys
225          20          25          30
226      Arg Phe Phe Glu Ser His Val Ala Arg Ala Asn Val Lys His Leu Lys
227          35          40          45
228      Ile Leu Asn Thr Pro Asn Cys Ala Leu Gln Ile Val Ala Arg Leu Lys
229          50          55          60
230      Asn Asn Asn Arg Gln Val Cys Ile Asp Pro Lys Leu Lys Trp Ile Gln
231      65          70          75          80
232      Glu Tyr Leu Glu Lys Ala Leu Asn Lys
233          85
234  <210> SEQ ID NO 23
235  <211> LENGTH: 99
236  <212> TYPE: PRT
237  <213> ORGANISM: Homo sapiens
238  <400> SEQUENCE: 23
239      Met Thr Ser Lys Leu Ala Val Ala Leu Leu Ala Ala Phe Leu Ile Ser
240      1          5          10          15
241      Ala Ala Leu Cys Glu Gly Ala Val Leu Pro Arg Ser Ala Lys Glu Leu
242          20          25          30
243      Arg Cys Gln Cys Ile Lys Thr Tyr Ser Lys Pro Phe His Pro Lys Phe
244          35          40          45

```

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION US/08/927,939DATE: 02/26/1999
TIME: 11:20:44

Input Set: H927939.RAW

Line	Error/Warning	Original Text
387	W Invalid/Missing Amino Acid Numbering	
504	W Invalid/Missing Amino Acid Numbering	
726	W Invalid/Missing Amino Acid Numbering	
921	W Invalid/Missing Amino Acid Numbering	
1439	W "N" or "Xaa" used: Feature required	Met Ile Cys Ala Asp Pro Lys Xaa Ala Ala X
1517	W Line data has been corrected	Asp His Leu Asp Lys Gln Thr Gln Thr Pro L
1518	W Invalid/Missing Amino Acid Numbering	90 95
1792	W Invalid/Missing Amino Acid Numbering	